

No. Pages: 2

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COPY NO.: 28

PHOTOGRAPHIC INTELLIGENCE MEMORANDUM

AIRCRAFT PLANT "CHKALOV" 153
NOVOSIBIRSK, USSR



**CONTAINS SENSITIVE
COMPARTMENTED INFORMATION**

HTA-M60-57

31 DECEMBER 1957

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NO CHANGE IN CLASS. ☐
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AIRCRAFT PLANT "CHKALOV" 153

NOVOSIBIRSK, USSR

HTA/M-60/57

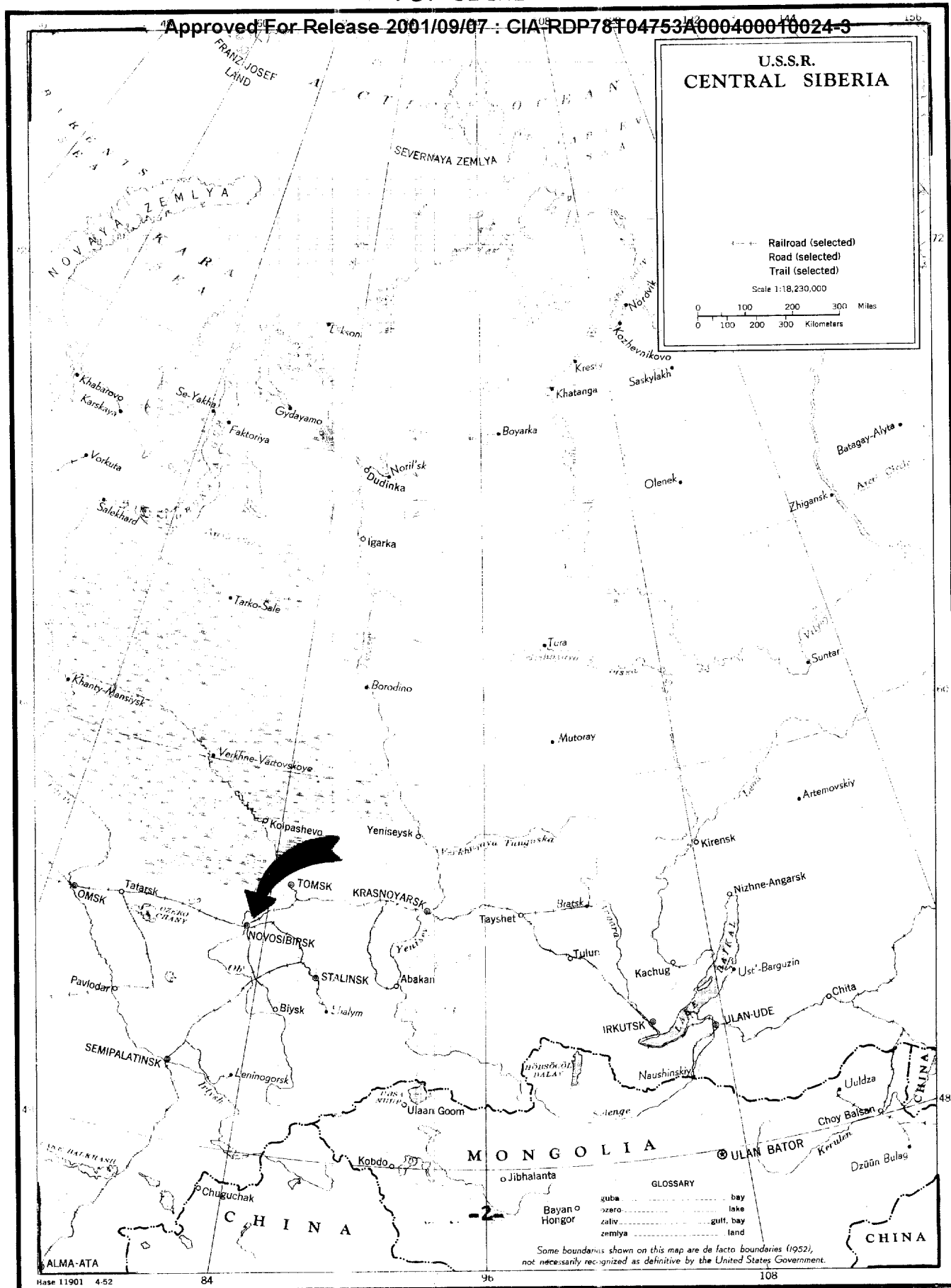
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NOVOSIBIRSK AIRCRAFT PLANT "CHKALOV" 153
NOVOSIBIRSK AIRFIELD, NORTHEAST

25X1D The Novosibirsk Aircraft Plant "Chkalov" 153, located on the northeastern outskirts of the city, is one of the largest producers of fighter aircraft in the USSR. Novosibirsk Airfield: Northeast, which adjoins the aircraft plant on the northeast, is used primarily as a test and flyaway field. The following aircraft were observed at the airfield on [REDACTED] 128 Farmers, four Cabs, one Beagle, one Fresco, one probable Colt and a small unidentified single engine aircraft.

The aircraft plant occupies an area approximately 4200 by 2200 feet with a roof cover of slightly over two million square feet. The plant is rail served and includes two large airframe assembly buildings, 1150 by 590 feet and 870 by 435 feet, and supporting forges, foundry, power plant and machine shops. Adjoining the plant on the west is a large lumber mill and in the western part of the plant area proper are several woodworking shops engaged in the manufacture of crates for shipping aircraft fuselages.

The airfield facilities include a concrete runway 6600 by 230 feet, oriented NE/SW, and a rail-served POL area containing six fuel tanks, 40 feet in diameter and [REDACTED]

25X1D

The major components of the aircraft plant and airfield are identified on the following photograph and sketch and described in the accompanying key to annotations.

KEY TO ANNOTATIONS

1. Lumber storage and woodworking shops area. This area is served by several rail spurs and consists of the following single-story buildings:
 - Planing mill, 320' x 100'
 - Five woodworking shops, 300' x 90', 290' x 60', 265' x 65', 200' x 80', and one 700' x 95' with longitudinal monitor roof.
 - Thirteen lumber storage sheds, 215' x 40', 490' x 40', and eleven 110' x 50'.
 - Crate assembly shop, 190' x 85'.
 - Warehouse, 410' x 115'.
 - Two administration buildings, 220' x 40' and 170' x 40'.
 - A 135'-high, 40'-diameter water standpipe and a 55' x 40' transformer house are also located in this area.
2. Two engineering/laboratory buildings. One is 130' x 40'. The other, 160' x 45', is completely enclosed by a high fence.
3. Forge, T-shaped, 155' x 80' and 275' x 65'.
4. Possible laboratory, 145' x 40'.
5. Sub-assembly building, single story, 870' x 435', monitor roof.
6. Foundry, 290' x 65'.
7. Coal preparation building, 210' x 50'. Adjacent to large rail-served coal storage area.

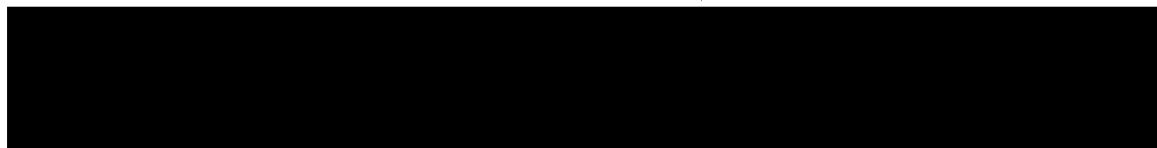
8. Thermal power plant, 290' x 90'. [REDACTED] 25X1A
9. Two shop buildings, 145' x 70' and 90' x 90'.
10. Crating building, 380' x 120'. The presence of 10-12 fighter aircraft fuselages adjacent to this building suggests that the function of this building is the packing and crating of fuselages.
11. Two loading sheds, 160' x 45' and 100' x 70'. A railroad track passes through these buildings. The fuselages, crated in the adjoining building (No. 10), are loaded for shipment here.
12. Hangar, three bay, 360' x 170', [REDACTED] 25X1D
13. Flight production building, 380' x 185', [REDACTED] 25X1D
14. Flight operations building, 130' x 45'.
15. Nose hangar, 260' x 50'.
16. Shops and sub-assembly building, 1150' x 485', 25' high.
17. Final assembly hall, 1150' x 105', [REDACTED] 25X1D
18. Administration building, T-shaped, 240' x 55' and 280' x 55'. Probably contains mess hall, recreation facilities, and living quarters.
19. Main administration building, three-story, irregular shape, 23,000 sq. ft. roof cover.
20. Machine shop, 540' x 180', partly under construction.
21. Shop, 275' x 110'.
22. Possible engineering building, 500' x 170', longitudinal monitor roof.
23. Probable warehouse, 510' x 145', lateral monitor roof. Two firewalls divide this building into three sections.

24. Storage building, T-shaped, 185' x 50' and 195' x 40'.
25. Crate assembly building, 330' x 100'. In the vicinity of this building are approximately 40 crates of size suitable for shipping fighter aircraft fuselages.
26. Storage building, 420' x 40', rail served.

REQUIREMENT: Prepared in answer to RR/HTA/E/R37/57 requesting
a description of Novosibirsk Aircraft Plant "Chkalov" 153, and
Novosibirsk Airfield, Northeast, including identification of air-
craft present.

PHOTO DATA:

25X1D



REFERENCES:

ATMP: 0162-9998-1-25A, 3rd Ed., Jan 1957
0162-9998-TIS, 3rd Ed., Jan 1957

COORDINATES: 55°04'N 82°59'E

B.E. NUMBERS: [REDACTED] Novosibirsk Aircraft Plant "Chkalov" 153
[REDACTED] Novosibirsk Airfield, Northeast

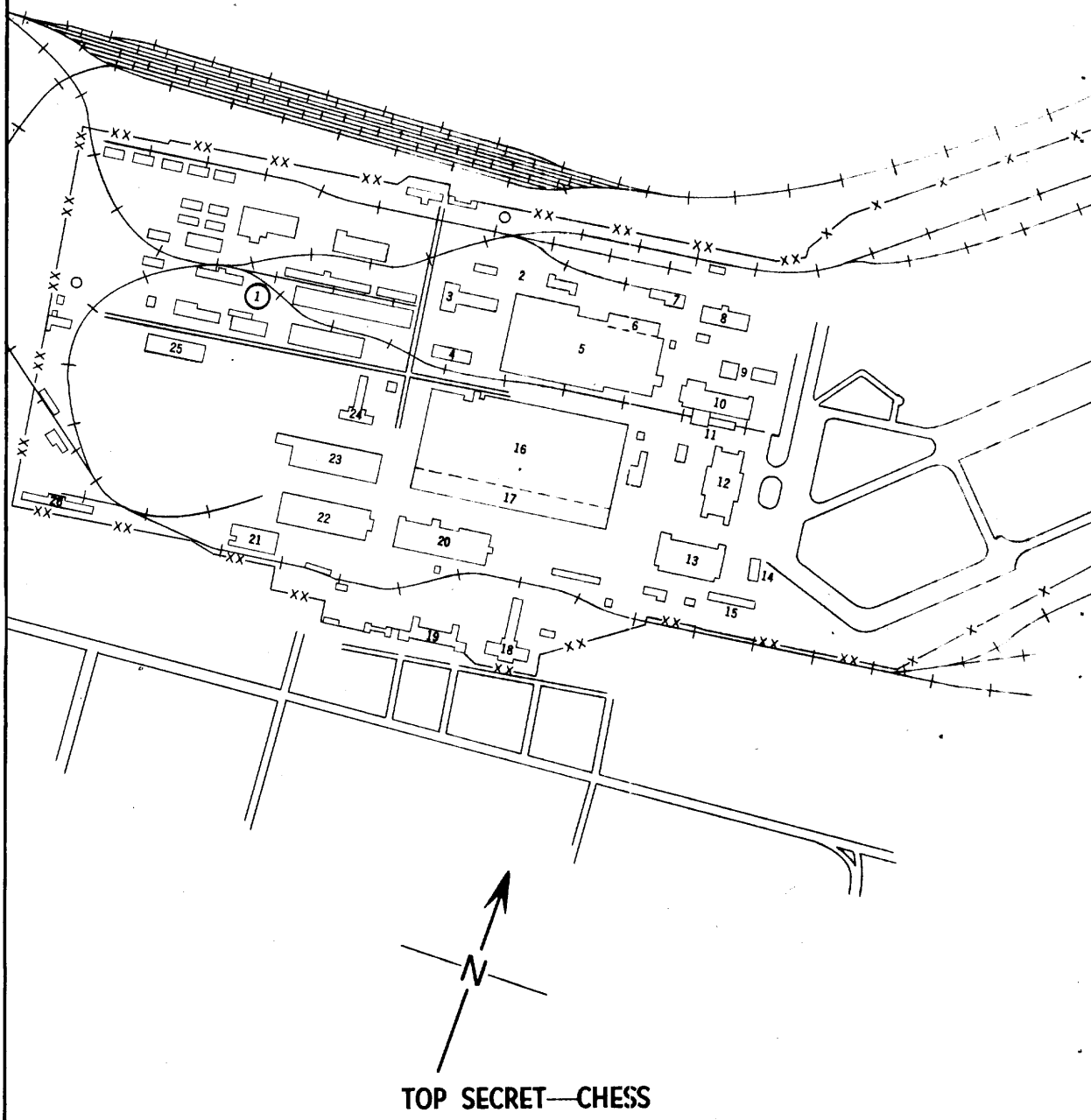
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AIRCRAFT PLANT "CHKALOV" 153

NOVOSIBIRSK, USSR

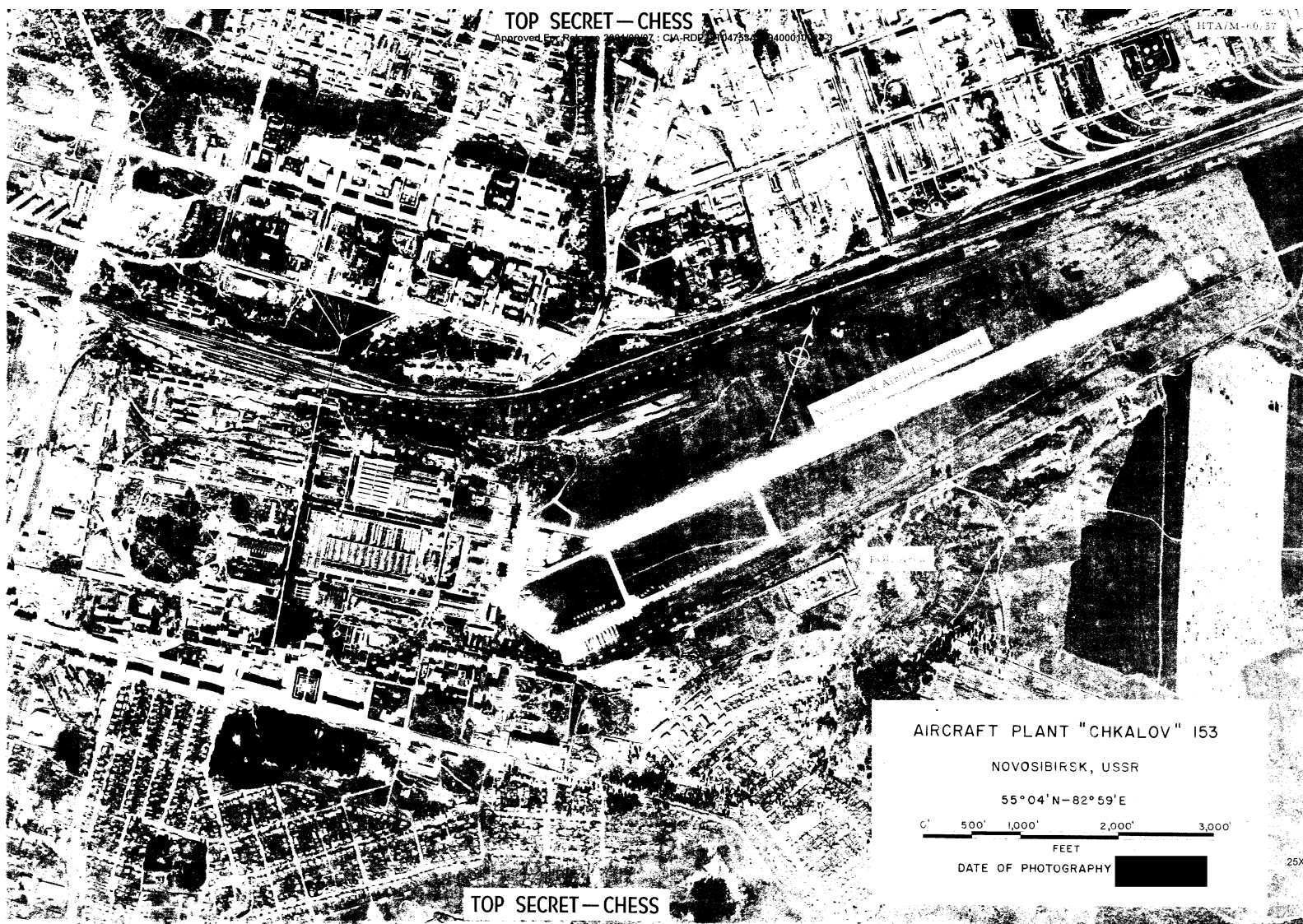


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AIRCRAFT PLANT "CHKALOV" 153

NOVOSIBIRSK, USSR

55°04'N-82°59'E

0' 500' 1,000' 2,000' 3,000'
FEET

DATE OF PHOTOGRAPHY

25X1D

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